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1911/12

State Manual
Announcement

Bulletin of the

State Normal School

Chadron, Nebraska

1911-1912

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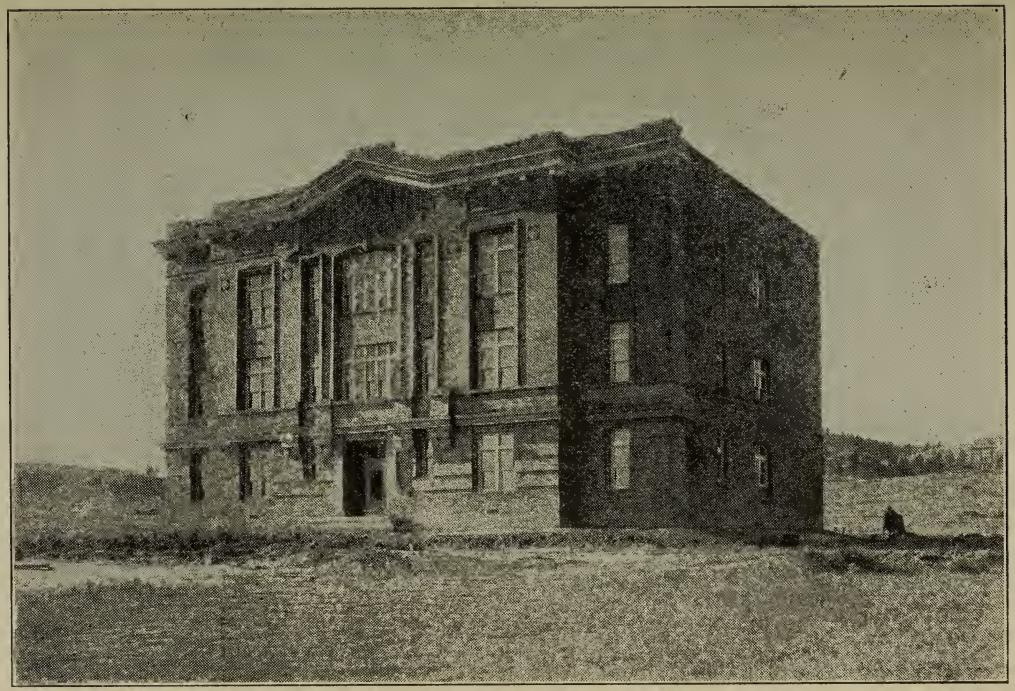

STATE NORMAL SCHOOL, CHADRON.

VOL. 1 NO. 2

STATE NORMAL SCHOOL

CHADRON, NEBRASKA

BULLETIN

1911-1912

Application made for mailing privileges at Chadron, Nebraska, as second-class matter, under Act of Congress, July 16, 1894.

BOARD OF EDUCATION.

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SCHOOL CALENDAR FOR 1911-1912.

First Semester.

Monday, September 11.....Registration of Students
Tuesday, September 12.....Class Work Begins
November 8-13.....State Teachers' Association
November 29, 6 p. m., to December 4, 7 a. m.....
..... Thanksgiving Vacation
December 22, 6 p. m., to January 3, 7 a. m.....
..... Christmas Vacation
Friday, January 19, 6 p. m.....First Semester Closes

Second Semester.

Monday, January 22.....Registration of Students
Tuesday, January 23.....Class Work Begins
..... Easter Vacation
Friday, May 24, 1912.....First Annual Commencement

Summer School, 1912.

Monday, June 3.....Registration of Students
Tuesday, June 4.....Class Work Begins
Friday, July 26.....Summer Session Closes

THE FACULTY.

JOSEPH SPARKS, Principal.
Psychology, Sociology.

ELIZABETH I. POLLOCK,
Secretary and Registrar.

W. T. STOCKDALE,
Theory and Practice of Education, Geography.

CHARLES W. PHILPOTT.
Physics, Chemistry, Mathematics.

LUCY M. CLARK,
English Language and Literature.

LEORA A. RUSTIN,
Grammar School Critic Teacher.

KATE E. DRISCOLL.
Intermediate Critic Teacher.

E. P. WILSON,
History and Civics.

J. HOWARD STOUGH,
Latin, Greek, German.

JESSIE B. ELLIOTT,
Public School Music, Voice, Piano.

Biology.
(To be filled by September 11).

Business and Commercial.
(To be filled by September 11).

EMPLOYEES.

C. B. Walton.....Janitor
..... Engineer

PERMANENT COMMITTEES.

Committee on Enrollment—
W. T. Stockdale, Lucy M. Clark.

Committee on Rules and Discipline—
C. W. Philpott, E. P. Wilson, J. Howard Stough.

Committee on Graduation—
W. T. Stockdale, C. W. Philpott, Lucy M. Clark.

Committee on Daily Program—
E. P. Wilson, J. Howard Stough, W. T. Stockdale.

Committee on Course of Study—
Lucy M. Clark, C. W. Philpott, E. P. Wilson.

Committee on Social and Christian Organizations—
Lucy M. Clark, C. W. Philpott, W. T. Stockdale, Kate E. Driscoll.

Committee on Lectures and Entertainments—
J. Howard Stough, Jessie B. Elliott, Leora A. Rustin.

Committee on Publications—
C. W. Philpott, E. P. Wilson.

MAIN BUILDING OF STATE NORMAL SCHOOL AS IT WILL APPEAR WHEN COMPLETED.

STATE NORMAL SCHOOL,

CHADRON, NEBRASKA.

Joseph Sparks, Principal.

GENERAL STATEMENT.

The State Normal School at Chadron, Nebraska, was created by act of legislature. Its purpose, in common with all of the normal schools of the state, is primarily to prepare teachers for their work. It is, therefore, primarily, a school of methods.

A broad, general knowledge of the subjects to be taught is indispensable to the success of the teacher, hence the State Normal School at Chadron will maintain a standard normal school and collegiate course, offering the widest possible range of selection in academic branches and giving the very best instruction in these lines. Teachers will be prepared for their work in both the phases of special study of methods and academic drill.

COURSES OFFERED.

Advanced Course. This course will prepare for the various state certificates. It covers two years of work beyond the standard four-year high school course. By selection of major subjects the student will prepare himself for teaching the various lines of work carried in the high school. Graduation requirements include a minimum of five hours of English and at least ten hours in each of two other selected subjects. These must be in advance of the standard four-year high school course. The certificate issued will recommend the holder for teaching in the line of these selections.

Elementary or Second Grade Certificate Course. The completion of this course entitles the student to a second grade state certificate. It is based upon three years of high

school training and in addition thereto at least twenty-four weeks of resident attendance and creditable work done in the Normal School. Students who have less than three years standard high school education may, under certain restrictions, be admitted to the Normal School, and may make up in the Normal School the work needed for this certificate.

Business and Commercial. In this department special attention will be given to commercial law, commercial arithmetic, bookkeeping, stenography and typewriting. The course will prepare students for teaching in high school or for actual business.

Collegiate Course. A standard four-year collegiate course will be offered, the completion of which entitles the student to the degree Bachelor of Education.

Interrelation of Courses. All courses are planned with the view that the student may ultimately desire to complete the collegiate course. The completion of the second grade or elementary certificate course may be used as a foundation for the advanced normal course, and there is but little loss of time in the transition from one course to the other. The advanced normal school course covers the first two years of the standard collegiate course, hence, students who take the advanced normal school course may, without loss of time thereby, continue their work in the standard collegiate course. The widest possible range of selection as to subject matter and course is allowed to each student. The committee on registration, the registrar and the principal will at all times advise students as to the best line of work to be pursued, taking into consideration the previous training and opportunities of the student; and the aims and desires of the student.

County Certificate Courses. It is necessary for many young people to begin teaching before they have completed any of the courses entitling them to certificates issued by the Normal School. For the accommodation of these the State

Normal School at Chadron will maintain classes in the subjects required for the various county certificates and will give the most thorough and careful drill and preparation in all of these subjects. All students in these classes will be urged to take the work in school management. Careful attention will be given the registration of young people in these classes in order that, wherever possible, the work may be made to count toward the completion of one of the normal school courses.

Credits. All work done will be on the basis of permanent credit to the student. Full credit will be given for work done in other institutions of equal rank and in turn the work at Chadron will be fully honored at other schools. Students who have attended any of the junior normal schools or other schools of established standing may have their credits transferred and accepted toward the completion of the course in the State Normal School. It will be the policy of the school to so direct the work of its students that those who are able to attend only at the summer sessions may eventually secure the highest grade of certificates. To this end students will always be urged to take advanced work wherever possible. Further, it is desirable that students register for a comparatively small number of subjects in the summer term. Then, by intensive work, the credit allowed in the lesser number of subjects will be correspondingly increased.

Model School. A model school will be available for practice and observation work. This will include both the grade work and high school work.

ADMISSION OF SPECIAL STUDENTS.

By special act of legislature in the session of 1911 students of mature age may be matriculated in the State Normal School. The Board of Education of the State Normal Schools has defined mature age as in no case being less than sixteen years. Students, therefore, of sixteen years

or more in age may be admitted to the regular Normal School classes. This would apply especially to young people who have completed the eighth grade of the country schools and who cannot secure free high school privileges by reason of lack of funds in the home district. All such should take advantage of the law and the ruling with regard to entrance to the Normal School.

ADMISSION TO REGULAR TERM.

The following **entrance requirements** apply to **regular year only, not** to the **Summer School.**

Entrance to Lowest Classes.

A candidate for admission to the Freshman class of the Normal School proper must present 15 credit points, representing the equivalent of two full years of high school work. This preparation admits also to special courses, such as Domestic Science, Business and Commercial, Expression and Music. A candidate for admission to the Freshman class may be admitted also on the presentation of a second grade county certificate.

The State Normal School maintains a training high school in which regular high school subjects are taught and students admitted to either the ninth or tenth grades. Applications should be sent in early in order to insure admission to the training high school.

Entrance to the Trainer's Course.

(Graduation equivalent to 4 years high school.)

The candidate for admission to the training course must present 22 credit points, the equivalent of three years' work beyond the eighth grade. This course may be completed in one year, graduates receiving an elementary state certificate which is good for a period of three years in the state of Nebraska.

Entrance to Life Certificate Courses.

(Graduation equivalent to two years above a four year high school.)

The candidate for admission to the Junior year of any college group of studies must present 30 credit points, representing 4 years' high school work. These entrance requirements for the Junior year are the same as the requirements for admission to the Freshman year at the University in the College of Science, Literature and the Arts, and in the Teachers' College. The following show the required and optional subjects for admission to this class.

Required Subjects—17 Points.

	Points
Algebra (through logarithms), 1½ years, 5 hours a week	3
Rhetoric and Literature, 2 years, 5 hours a week	4
Geometry (plane), 1 year, 5 hours a week	2
History (European), 1 year, 5 hours a week	2
Language (Latin, 2 years at least), 3 years, 5 hours a week	6

Optional Subjects—13 Points.

In addition to those required subjects, for which no substitutes are accepted, applicants must present thirteen points from the following optional subjects:

Agriculture	1
Rhetoric and Literature, 1 year, 5 hours a week	2
French, 2 or 3 years, 5 hours a week	4 or 6
Geometry, solid, one semester, daily	1
German, 2 or 3 years, 5 hours a week	4 or 6
Greek, 2 or 3 years, 5 hours a week	4 or 6
History (European or American), 2 years, 5 hours a week	4
Latin, 1 or 2 years, 5 hours a week	2 or 4
Natural Science (Botany, Zoology), 1 year, 5 hours a week	2

Physical Science (Chemistry, Physics), 1 year, 5 hours a week 2
Trigonometry (plane), one semester, 5 hours a week..... 1
Astronomy, Civics, Geology, Normal Training, Physical Geography, Political Economy, Physiology and Hygiene, Reviews, Bookkeeping. Not more than 4 accepted 4

The entrance requirements for the Industrial College at the University may be substituted for the above.

GENERAL GROUP.

Explanatory	1st Sem. Periods	2nd Sem. Periods
Grade XI. Freshman yr. First Year Normal School Proper. Entrance fifteen credit points	3rd sem. Algebra 5 Cicero Germ.....5 Physics .....5 Oral Expression..5	Solid Geometry...5 Cicero or Germ...5 Physics .....5 English 5
Grade XII. Sophomore year. Second year Normal School Proper.	Virgil or Germ...5 Chemistry .....5 Anc. History ....5 English 5	Virgil or Germ...5 Agriculture .....5 Civics .....5 Elective 5
Grade XIII. Junior year. First year college work. Entrance 30 credit pts. State Elem. Certificate.	Psychology .....5 Bot. Zoology.....5 English .....5 Elective 5	Education .....5 Bot. or Zoology..5 History of Ed....5 Elective 5
Grade XIV. Senior year. Second year college work. Diploma or Life Certificate.	Math. or Geo....5 Practice .....5 Theory of Ed....2 Elective 7½	Practice .....5 Theory of Ed....2 Elective 12½

In addition to the regular course as outlined above, the following special courses are offered:

Kindergarten.

Entrance requirement, 30 credit points. Completion of this group gives the special kindergarten diploma in addition to the regular normal school diploma.

Junior Year

Psychology	5	History of Education	5
Bot. Zoology	5	Education	5
Education	5	Education	5
Education	5	English	5

Senior Year

Education	7½	Education	7½
Math. Geog.	5	Education	5
Education	5	Elective	7½
Elective	2½		

Oral Expression.

Entrance requirement, 30 credit points. Completion of this group gives the oral expression diploma in addition to the regular normal diploma.

Junior Year

Psychology	5	History of Education	5
Bot. 1, Zoology	5	Education	5
Oral Expression	5	Oral Expression	5
English	5	El. 2 hours, Or. ex.	2½

Senior Year

Math. Geog.	5	Education	2
Education	5	Education	5
Oral Expression	5	Oral Expression	5
Theory	2	Oral Expression	2½
Elective	2½	Elective	5

Domestic Economy.

Entrance requirement, 30 credit points. Completion of this course gives the candidate a special domestic science diploma in addition to the regular normal diploma.

Junior Year

1st Semester		2d Semester	
Psychology	5	Education	5
(Bot. Zoology) Inorganic Chem	5	(Bot. 1, Zoology 1) Quant. Chem and Household Chem.	5
English	5	History of Education	5
Food and Dietetics (Course A)	2½	Food and Dietetics (A)	2½
Sewing	2½	Sewing	2½

Senior Year

(Math., Geog.) Physiology	5	Practice (Domestic Science in grades)	5
Practice	5	Theory of Education	2
Theory of Education	2	Food and Dietetics	2½
Food and Dietetics	2½	Sewing	2½
Sewing	2½	Home Management	
Home Sanitation and Home Decoration	2½	Home Nursing	5
		Laundry	
		Electives	2½

Commercial Group.

Entrance requirement, 15 credit points. Completion gives the candidate a special commercial diploma in addition to the regular normal school diploma.

Freshman Year

1st Semester Periods		2d Semester Periods	
3d semester Algebra	5	Solid Geometry	5
Cicero or German	5	Cicero or German	5
Physics	5	Physics	5
Oral Expression	5	English	5

Sophomore Year

1st Semester Periods		2d Semester Periods	
Business Forms	2	Agriculture	5
Penmanship	2	Civics	5
Orthography	1	Bookkeeping	5
Chemistry	5	Com. Arithmetic	2½
American History	5	Arithmetic	2½
English	5		

Junior Year

1st Semester Periods		2d Semester Periods	
Psychology	5	Education	5
Bot. Zoology	5	English	5
Business Law	5	History of Education	5
Shorthand and Typewriting	5	Adv. Shorthand and Typewriting	5

Senior Year

1st Semester Periods		2d Semester Periods	
Math. Geog.	5	Practice	5
Practice	5	Comp. and Letter Writing	2½
Theory of Education	2	Theory of Education	2
History of Commerce	5	Economics	5
School Law	2½	Adv. Dictation and Correspondence	2½
		Elective	2½

As will be observed, special courses are formed by selecting the electives in the general course to conform to the special course required.

Training Course.

Entrance requirement, 22 credit points. Completion of this course gives the elementary state certificate.

1st Semester	Periods	2d Semester	Periods
Arithmetic (Math. b)	5	Grammar (Eng. b)	5
Physiology	5	Physics	5
U. S. History (b)	5	Geog. 3, Oral Ex	5
Education	5	Education	5

CANYON OF THE PINES, STATE NORMAL SCHOOL GROUNDS, CHADRON.

GENERAL OUTLINE OF COURSES.

AGRICULTURE.

W. T. Stockdale.

I. General: This course is for beginners, those preparing for the state examination and for those preparing to teach the subject in the rural and grade schools. A regular text will be followed, supplemented by reference work. Five hours attendance. Four hours laboratory, garden and field work. Five hours credit. One semester.

II. Agronomy and Soils: A course planned primarily for high school teachers. A study of field crops and soils. Discussions of the different crops grown in Nebraska, special attention being given to methods of preparing the soil, of seeding, harvesting and storing. Discussions of the merits of the various varieties of each crop. Actual practice in identifying grasses, grading and judging grains. The work in soils will aim to cover the most important problems of soil cultivation. A study of soil composition, fertility, physical condition, and the principles of dry farming will be given careful attention. Five hours attendance. Four hours laboratory and field work. Two and one-half hours credit. First quarter.

III. Animal Husbandry: A course for high school teachers and for students who want more than Course I gives. A brief study of the leading breeds of farm animals; feeds and feeding; dairying. A study of the leading dairy breeds of cattle and the methods of handling milk and dairy products on the farm. Five hours attendance. Four hours laboratory. Two and one-half hours credit. Second quarter.

IV. Horticulture: This is a course in garden and orchard crops and has in view those who intend to teach agriculture in the high schools. The course will aim to cover the more important principles of gardening and fruit

growing, methods of propagation, orchard tillage, pruning and spraying, school and home gardens and their management. Five hours attendance. Four hours laboratory and field work. Two and one-half hours credit. Third quarter.

V. Entomology and Ornithology: A course that strengthens Course I or completes a year's work with Courses II, III and IV for high school teachers. A study of insects affecting agricultural interests. The study of birds will aim to show the important place they hold relative to the farm. Five hours attendance. Four hours laboratory and field work. Two and one-half hours credit. Fourth quarter.

BIOLOGY.

Including Botany, Physiology and Zoology.

(Instructor and courses to be announced.)

BUSINESS AND COMMERCIAL.

Business and Commercial will include a full course in Typewriting, Shorthand, Commercial Law, Commercial Arithmetic and Bookkeeping.

(Instructor and courses to be announced.)

EDUCATION.

W. T. Stockdale.

I. History of Education: A short course showing the growth of educational aims and processes. A critical study of the work of the reformers who have influenced the trend of education. Five hours attendance. Five hours credit. One semester.

II. Psychology: The regular text-book work will be supplemented by observation, experiments, reference readings, reports and illustrations drawn from school work and life at large. The educational bearings of the work are kept

in mind throughout. Five hours attendance. Five hours credit. One semester.

III. Child Study: A careful study of child nature will be made and the mental development of the child will be traced with a view of adapting instruction to the peculiarities of the learner. Five hours attendance. Two and one-half hours credit. Third quarter.

IV. Logic: The course aims to give training in clear, accurate reasoning—the subjects relative to school work being emphasized. Five hours attendance. Two and one-half hours credit. Fourth quarter.

V. Theory of Education: An examination of pedagogical principles and their application in instruction. Lectures and reference reading. Two hours attendance. Two hours credit. First semester. Senior year.

VI. Theory of Education: Course V continued. Thesis. One hour attendance. Two hours credit. Second semester. Senior year.

VII. School Supervision: A practical study in organization and management, including course of study, classification of pupils, work with the school officers and the teacher's relation to the patrons of the school. Two hours attendance.

VIII. Observation and Conference Course: Junior year. The course prepares for practice teaching and involves the observation and critical study of the teaching process as exemplified in the model school, with conferences with the critic teacher. Three periods a week in observation; two periods a week in conferences. Five hours credit. One semester.

IX. Practice: Teaching under sympathetic, helpful guidance. Each student has entire charge of a class in the Training School for a period daily. Subject, grade and department may be changed at stated intervals under the ad-

vice of the department. Frequent individual and group conferences with the critic teachers. Daily recitations. Five hours credit. First semester.

X. Practice: Continuation of Course IX. Second semester.

ENGLISH AND LITERATURE.

Lucy M. Clark.

a. Training Course in English: An elementary course in theme writing and reviews of sentence elements. Letter writing and social correspondence. Punctuation, paragraph structure and elementary instruction in rhetorical principles. Five hours credit. First semester. (Also arranged for summer term).

b. English Grammar: A thorough study of the English sentence—its structure and adaptability to the expression of thought relations. Special attention to the correction of lapses in speech. Five hours credit. Second semester. (Also arranged for summer term.)

c. Rhetoric and Composition: Intensive work in constructive English, the purpose being to direct the student in the selection of theme material from life, and to assist him in acquiring power in the expression of thought. Five hours credit. First semester. (Also arranged for summer term.)

d. Literature: Study of American and English classics. Five hours attendance. Five hours credit. Second semester. (Also arranged for summer term.)

1. Interpretation: Critical study of poems and prose with special reference to their literary elements. Designed to ground students in the essentials of literary interpretation. Elaine, short poems of Browning, short stories, etc. Five hours credit. First semester.

2. Shakespeare: Macbeth, Hamlet. Written exercises. Reading references on the origin and development

of the drama and on the life of Shakespeare. Five hours credit. Second semester.

3. **English Literature**: An extensive study of the typical and important masterpieces previous to the eighteenth century. Intensive study of some classics with reference to literary elements. Collateral readings on the history and social conditions of the country. Five hours credit. First semester.

4. **English Literature**: Continuation of course 3 to the literature of the present day. Five hours credit. Second semester.

5. **Tennyson**: A study of Idylls of the King and shorter poems. Written exercises. Reading references on the life of the poet and on the Arthurian legends. Two hours attendance. Two hours credit. First semester.

6. **Browning**: Study of the principal dramatic monologues, short poems and Pippa Passes. Written exercises. Two hours attendance. Two hours credit. Second semester.

7. **Rhetoric**: A study of rhetorical principles. Theme writing, with special attention to exposition and argumentation. Five hours credit. First semester.

8. **American Literature**: A general survey and extensive study of important works. Intensive study of some of most important works. Collateral readings. Five hours credit. Second semester.

GERMAN.

J. Howard Stough.

1. **Elementary Course**: This will include drill in pronunciation, study of the essential grammatical forms, the writing of simple sentences and the reading of simple and very easy stories. Five hours attendance and five hours credit. First semester.

2. **Elementary Course**: Continuation of Course 1.

Further study of the grammar with reading and writing of German exercises. Five hours attendance and five hours credit. Second semester.

3. **Second Year German**: Systematic study of the grammar; reading of texts of moderate difficulty; dictation exercises and conversation based on the texts read. Five hours attendance and five hours credit. First semester.

4. **Second Year German**: Continuation of Course 3. Five hours attendance and five hours credit. Second semester.

GEOGRAPHY.

W. T. Stockdale.

I. **Type Studies in Geography**: This course will be general in scope, but will make a close study of the United States and will show the causes that affect the development of institutions, trade centers and civilization. The geography of Nebraska will be emphasized. Five hours attendance. Two and one-half hours credit. One quarter. Summer session.

II. **Type Studies in Geography**: This is a continuation of Course I, taking Europe and countries of the eastern continents as subjects. The aim is to make geography a thought study by showing how the environment influences the people and the relations of all people to each other, thus humanizing geography. Five hours attendance. Two and one-half hours credit. One quarter.

III. **Physiography**: The aim is to describe the leading physiographic processes, to account for the land and water forms, and to show their geographic relations. Glaciers and the glacial period. Physiography of Nebraska. Five hours attendance. Five hours credit. One semester.

IV. **Industrial Geography**: This course gives a general survey of the natural resources and their conservation. The forms, processes and commercial relations of the leading

industries are studied—among them corn, wheat, alfalfa, cotton, forests, sheep and wool, dairying and beef production. The subject is made concrete by the use of specimens and each student is required to work out one industry as a type. Especial attention is given to the industries which should be emphasized in the schools of Nebraska. Five hours attendance. Two and one-half hours credit. One quarter.

V. Commercial Geography: This course traces the growth of commerce and attempts to point out some of the causes that give supremacy. Commercial movements and their importance. Five hours attendance. Two and one-half hours credit. One quarter.

GEOLOGY.

Geology: A general survey of the subject, giving careful attention to dynamical, structural and historical geology. The geology and physiographic history of Nebraska are given as known to the state survey. Economic geology will receive careful attention. This course will prepare for the state examination. Five hours attendance. Four hours laboratory. Five hours credit. One semester.

GREEK.

J. Howard Stough.

1. Beginning Greek: Five hours attendance and five hours credit. First semester.

2. Beginning Greek: Course 1 continued. Beginner's Book finished and Xenophon's Anabasis begun, with constant drill on forms and constructions of the grammar. Same requirements and credits as Course 1. Second semester.

3. Xenophon's Anabasis: Books I, IV completed. Five hours attendance and five hours credit. First semester.

4. **Homer's Iliad or Odyssey**: Selections will be read from one or both poems; comparison of the text with some of the most famous translations; a study of the Homeric question; and due attention will be paid to the metrical structure, the grammar and other matters of interest in connection with the poems.

Further courses in Greek, should they be called for, may be outlined later.

HISTORY.

E. P. Wilson.

1. **Eastern Nations and Greece**: A brief review of essential things in the history of Egypt and of the nations of Western Asia is followed by a general survey of Greek history. Five hours recitation. Five hours credit.

2. **Rome**: A general survey of Roman history from the earliest times to the death of Charlemagne. Five hours recitation. Five hours credit.

3. **History of the United States**: A general survey of the history of our country preparatory to teaching it in the elementary schools of Nebraska. First and second semester. Summer session. Five hours recitation. Five hours credit.

4. **English History**: A general survey of English history from the earliest times to the present day. Five hours recitation. Five hours credit.

5. **American Nationalism**: A study of the development of national unity in the United States. After a brief review of the influences in Colonial and Revolutionary history that tended toward unity, a study is made of the period extending from 1787 to 1870.

6. **Western Development**: A study of the development of the west and its relationship to our national growth. The period included extends from the beginning of the westward movement of population at the close of the Revo-

lutionary war to the present time. Five hours recitation. Five hours credit.

7. Civil Government: A general survey of local, state and national government. First and second semester. Summer session. Five hours recitation. Five hours credit.

LATIN.

J. Howard Stough.

1. Beginning Latin. It will be the aim of this course to lay a solid foundation for the study of Latin in a thorough mastery of the sounds, the paradigms and the vocabulary necessary for the reading of simple Latin. Constant reviews of the work, simple composition and a comparison of Latin with English forms and constructions will characterize the work. Short and easy stories from Roman history and other sources will be read. Five hours each week, with five hours credit. First semester.

2. Beginning Latin. Course 1 continued. After finishing the Beginner's Book the remainder of the semester will be given to Viri Romae, or the Lives of Nepos or other Latin of equal difficulty. Same requirements and credits as Course 1. Second semester.

3. Caesar. Caesar's Commentaries on the Gallic war will be read, with careful study of the constructions of Caesar, especially indirect discourse and the uses of the subjunctive mood. Special attention will also be given to the Roman military organization. Latin composition based on the text read, one recitation each week being specially emphasized and the ability to read easy passages at sight will be cultivated. Five hours attendance and five hours credit. First semester.

4. Caesar: Continuation of Course 3. Five hours attendance and five hours credit. Second semester.

5. Cicero: At least six orations will be read and studied, and these will include the four Catilinian orations

with the one for the Manilian law and for the poet, Archias, or their equivalents. Special attention will be given to the social and political history of the times. Composition will also be continued as a part of the work. Five hours attendance and five hours credit. First semester.

6. **Cicero.** Continuation of Course 5. Five hours attendance and five hours credit. Second semester.

7. **Virgil:** Six books of the Aeneid will be read, with constant practice in scansion, and since the author is specially rich in mythological allusions much attention will be given to Roman mythology and the interpretation of the myths. Five hours attendance and five hours credit. First semester.

8. **Virgil:** Continuation of Course 7. Five hours attendance and five hours credit. Second semester.

9. **Private Life of the Romans:** Elective for students who have had two or more years of Latin. Two hours attendance and two hours credit. First semester.

MATHEMATICS.

Chas. W. Philpott.

1. **Algebra I.** To simultaneous simple equations. First semester. Five hours attendance. Five hours credit.

2. **Algebra II.** Continuation of Course 1 through quadratic equations. Second semester. Five hours attendance. Five hours credit.

3. **Algebra III.** Continuation of Course 2. Five hours attendance. First semester. Five hours credit.

4. **Algebra IV.** (Prerequisite, Courses 1 and 2, or their equivalent.) Review course. Prepares for state examination. Five hours attendance. Summer session.

5. **Geometry I.** Plane geometry. Books I and II. First semester. Five hours attendance. Five hours credit.

6. Geometry II. Plane geometry completed. Second semester. Five hours attendance. Five hours credit.

7. Geometry III. Solid Geometry. First semester. Five hours attendance. Five hours credit.

8. Geometry IV. (Prerequisite, plane geometry) review course. Prepares for state examination. Five hours attendance. Summer session.

9. College Algebra. (Prerequisite, algebra III.) Five hours attendance. Five hours credit.

10. Trigonometry. Five hours attendance. First semester. In summer session ten hours attendance. Five hours credit.

11. Analytic Geometry. Second semester. Five hours attendance. Five hours credit.

12. Calculus. First semester. Five hours attendance. Five hours credit.

DEPARTMENT OF MUSIC.

Jessie B. Elliott.

In the music department thorough and systematic instruction is offered in piano, voice, public school music, harmony, theory, history of music and sight reading. A junior and senior recital is required before graduation.

PIANOFORTE DEPARTMENT.

Course I. Formation of the hand and fingers. Studies in melody and rhythm. Scales. Easy etudes and studies by Gurlitt, Kullak, Spindler, Czerny, and easy pieces by good composers.

Course II. Development of the hand continued. Scales and arpeggios, executed in moderate tempo. Fundamental work in interpretation and expression. Selections from the following composers: Schmitt's Technique, Loeschhorn Op. 84, Bk. I, Duvernoy Op. 120, Bks. I, II, III, Czerny Op. 636. Sonitinas and easy pieces by Clementi, Kuhlan, and others.

Course III. Daily technique. Selections from the following: Etudes by Concone, Czerny Op. 299, Bks. I, II, III, Kohler Op. 150, Heller Op. 45, Bk. I, Cramer's Studies, Bach's two voice inventions. Sonitinas and easy sonatas by Mozart, Haydn, Shubert, and Beethoven. Hymn playing.

Course IV. Daily technique. Selections from the following works: Czerny Op. 740, Heller Op. 45, Bk. II, Bach's three voice inventions. Kullak's Octave studies, Bk. II. Sonatas and other compositions by Haydn, Shubert, Mendelssohn, Schumann, Rubenstein, Moszkowski, and Beethoven. Hymn playing continued.

VOICE DEPARTMENT.

While a regular course is outlined in voice work, it is largely to indicate the grade of difficulty rather than the specific studies required. The needs of each individual voice are very carefully considered, the work adapted to the particular needs in each case, and the studies varied accordingly. Graduates in voice are required to have passed the third course in piano and have completed the work in theory, harmony, sight reading, and musical history. They are also required to give a public recital during the junior and senior year.

Course I. Principles of breathing, tone placing and production, enunciation and pronunciation. Abt Singing Tutor, Bks. I, II, III. Concone's Fifty Lessons in Expression and Phrasing. First grade songs.

Course II. Production of tone and vocalises for flexibility and velocity. Italian syllables applied to English pronunciation. Marchesi's Italian books. Max Spicker's Graded Series for all voices selected from the celebrated work of the best masters, Bks. I and II. Second grade songs.

Course III. Max Spicker's Bks. III and IV. Marchesi's Italian Studies continued. Advanced studies in diatonic and

chromatic scales. Vocalization, expression, and phrasing. English and Italian Songs.

Course IV. Advanced studies in vocalization, phrasing, and interpretation. Voice Repertoire, English and Italian songs, classic, and modern, Oratorio and Opera Arias.

HARMONY AND THEORY.

Harmony and theory treat of the principles underlying all musical study. Its study is recommended to all students and is required of all in the graduating course in any music department. Two hours credit.

HISTORY OF MUSIC.

This course treats of music from primitive times to the present, following the development of the people, instruments and schools. Students do research work and report to the instructor the results in writing. One day. Two hours credit.

PUBLIC SCHOOL MUSIC.

Course I. This course meets the needs of the teacher especially, bringing out methods of teaching grades from I to VIII and the rural school teaching is carefully considered. The first year's work covers the following: Rote songs, musical notation, rhythm, ear training, sight singing, major and minor scales, and two and three part singing. Five days. Two hours credit.

Course II. Work offered in this course is as follows: Major and minor scales reviewed, work in chromatics, and elementary harmony given. Opportunity for individual teaching is given under direct supervision of the music director and problems are worked out by the class. Chorus conducting is emphasized. Class five days. Two hours credit.

DEPARTMENT OF PHYSICAL SCIENCE.

Chas. W. Philpott.

Courses 4 and 5 should be taken by those preparing themselves for teachers of Physical Science.

1. Physics I. (Prerequisite: One year of Algebra and one semester of Plane Geometry). An elementary course including properties of matter, mechanics of solids and mechanics of fluids. Laboratory work qualitative and quantitative; and requires about one-half of the allotted time. Text, Carhart and Chute. Five credits.

2. Physics II. (Continuation of Course 1). Sound, light and heat. Laboratory work mostly quantitative. Text, Carhart and Chute. Five credits.

3. Physics III. (Continuation of Course 2). Heat (continued), magnetism and electricity. Laboratory work mostly quantitative. Text, Carhart and Chute. Five credits.

4. Physics IV. Laboratory Course in Physics. (Prerequisite: Physics I, II and III, and Trigonometry). Quantitative experiments. Writing and performing experiments on assigned subjects. Assistant work in laboratory under direction. Three credits.

5. Physics V. Methods. (Prerequisites: Physics I, II and III). Methods employed in teaching High School Physics. Brief comparative study of physics texts. Discussion of laboratory equipment, ordering of supplies, and administration. Two credits.

6. Physics VI. A Review Course in Physics. Prepares for state examination. Summer Session.

7. Chemistry I. Chemical manipulations and a study of the non-metallic elements and compounds. Essential features of the fundamental laws of chemical action. Class discussion based upon qualitative experiments

performed by the students. Reference books largely used. Five credits.

8. Chemistry II. Continuation of Chemistry I, including a study of the more important metals. Applications of the principles of chemistry to every day life. Five credits.

9. Chemistry III. Qualitative Analysis. (Prerequisite: Chemistry I and II, or its equivalent. Study of the separation and detection of the common bases. Three credits.

10. Chemistry IV. Continuation of Chemistry III. Detection of acids and practice in the systematic separation and analysis of unknowns. Introduction to quantitative analysis. Three credits.

COUNTY CERTIFICATE COURSES.

Arithmetic. To include thorough treatment of fractions, measurements, and percentage, and their applications. Special emphasis will be given to thorough and careful analysis and to rapid drills in groups and combinations. Will cover both written and mental arithmetic as ordinarily understood. Five hours attendance. Five hours credit. First and second semesters.

Geography. A study of geography with especial reference to the earth as inhabited by man. Will include a study of climatic conditions as governed by latitude, altitude, and prevailing wind directions; also a study of soils and relief forms. Five hours attendance. Five hours credit. First and second semesters.

Reading.. A study of the best standard texts and methods. Five hours atendance. Five hours credit. First and second semesters.

Orthography and Penmanship. A half a semester will be given to each of these subjects, in both the first and second semesters. Five hours attendance. Two hours credit.

Drawing. Drawing and water colors, such as would be of advantage to grade and country school teachers will be offered in each semester. Two hours attendance. Two hours credit.

For county certificates courses in agriculture, civics, theory and art, bookkeeping, composition, grammar, history, and physiology, see these subjects under the courses to which they belong.

BACHELOR OF EDUCATION DEGREE.

Larger cities often demand four years college and professional training above high school preparation. In order to meet this demand and also to meet the demand for a longer preparation for high school teachers, the college and professional courses were extended in 1905 to cover four full years beyond twelve year high schools.

On the completion of this course the student receives the degree, Bachelor of Education. This degree will be granted also to those who take their last one or two years at the University or in a college of equal rank.

EQUIVALENTS.

The following system of time credits was adopted by the state Board of Education in order that teachers of successful experience who have pursued lines of study while teaching, or who have taken work in absentia or in non-accredited schools, might receive due credit for the time required to complete such studies.. The rigid requirement of a minimum grade of 80 per cent, under the uniform state examination, will prevent the unworthy from receiving benefit from this ruling.

Work in Non-Accredited School:—Students who have studied in non-accredited institutions and afterwards passed a creditable examination in secondary subjects under the uniform state examination shall be given credit for four

weeks attendance for each credit point earned. In such subjects as are not included in uniform examinations, the examination may be given by heads of departments granting accreditment. A credit point is defined as one full study carried for one semester five periods each week. No credit shall be given for time on subjects taken in examination, if credit is already given for attendance in accredited high schools where such subjects have been pursued as reviews. In all subjects taken under uniform examinations or given by heads of departments to test work taken in non-accredited schools, 80 per cent shall be the minimum grade on which credit shall be given.

In Absentia:—Students taking work in absentia under the regular instructors of the school shall be given four weeks attendance for each credit point earned.

For Teaching Experience:—For teaching experience two weeks time credit may be given for each year of successful experience in teaching or in supervisory work, provided that in no instance more than sixteen weeks credit on attendance shall be given for such experience. The regular nine months term shall be considered as the standard, but eight months may be considered as one year in case the applicant for time accreditment has taught in schools providing less than nine months in each year.

Adopted by the Board of Education, July 27, 1910.

SUMMARY.

From the foregoing groups of studies and table of equivalents, the prospective students will note: (a) Graduation from the Trainers' course requires 132 weeks work beyond the eighth grade. (b) Entrance to the lowest groups requires 72 weeks high school attendance in an accredited high school, or the equivalent of 15 credit points earned, or a second grade county certificate. (c) To graduate from the advanced regular course, the Domestic Science course, the Oral Expression course, Business and Commerce course,

Kindergarten course, requires a minimum attendance of 196 weeks work beyond the eighth grade, while the degree, Bachelor of Education, requires four years beyond the completion of a twelve year high school course.

Teaching experience will count two weeks for every year's experience towards time credit, with a maximum of 16 weeks. Work in absentia will count on time credit four weeks for every credit point earned.

Many teachers are carrying in absentia work, completing from five to ten hours each school year, thus earning from four to eight weeks on time credit toward graduation.

Prospective students who are in any way in doubt as to their classification, should address the president, stating as clearly as possible where and when they attended school and how much work was carried. Such requests will receive a prompt reply and will enable each to determine definitely what standing he can reach upon entering the school.

BOARD AND ROOM.

The citizens of Chadron will open their homes so that students may obtain suitable board at a minimum cost. In addition to private board, the state will maintain a dormitory for young women. This will be under the direction of competent parties. The charge will be the least possible with good service. It is not the intention of the state to make any profit from the boarding halls or the dormitories. The charges are only such as will defray the expenses of maintaining the dormitories.

Students should address the president with regard to securing room and board in private families or with regard to securing room in the dormitories.

Address inquiries to

J. SPARKS, President.

CHADRON.

Chadron is a city of some 3,000 people, located on the Northwestern Railroad and in the edge of the White River Valley. It is well lighted by electricity and has probably the finest water system in the state. There are numerous churches of various denominations, and the strongest Y. M. C. A. of any city of its size. The moral tone of the city is excellent. For more than twenty years, Chadron Academy, under the auspices of the Congregational chuch, was located here, hence, the people of the city have accustomed themselves to the wants and needs of students and exert themselves to see that young people attending school in their midst feel thoroughly at home.

Students from the line of the Northwestern Railroad have direct train connection to Chadron. Students from the line of the Burlington in western Nebraska will take the train which reaches Crawford about 3:00 in the afternoon. A train leaves Crawford about 5:00, reaching Chadron at 6:00 p. m., hence, students from any portion of western Nebraska may make a daylight journey to Chadron with practically no delay.

STUDENTS MATRICULATED IN THE SUMMER SCHOOL, 1911.

Albright, Martha ..... Irwin
Aplin, Lucile ..... Chadron
Baker, Florence E..... Crawford
Barger, Ada Ethel..... Lincoln
Bay, Dervin ..... Rushville
Beall, Bertha ..... Lincoln
Bowman, Walter M..... Chadron
Brickner, Mabel ..... Hay Springs
Calame, Jas. C..... Survey
Carroll, Sabina ..... Montrose
Chubb, Clara S..... Cumberland, Wis.
Cilek, Annie ..... Hay Springs
Cilek, Caroline C..... Hay Springs
Cockrell, Ruth M..... Chadron
Collins, Susie ..... Chadron
Daboll, David A..... Chadron
Daboll, Flora A..... Chadron
Daboll, Lucie ..... Chadron
DeLand, Stella M..... Long Pine
Egan, Anna J..... Chadron
Evans, Pearl E..... Belmont
Erlewine, Virda ..... Chadron
Fox, Hattie Gertrude..... Agate
Graves, Wayne W..... Chadron
Gregory, Ethel ..... Belmont
Gregory, Lillie ..... Belmont
Green, Grace L..... White Clay
Grewe, Emily ..... Nenzel
Grewe, Mary ..... Nenzel
Grove, Warren J..... Crawford
Hampton, Ruth ..... Hay Springs
Hanks, Nettie..... Hay Springs
Hartzell, Helen ..... Chadron
Hill, Amzetta..... Clover, S. D.
Hollinrake, Ella P..... Hemingford

Hollinrake, Emma C.....Hemingford
Holmes, Bessie .....Gordon
Horn, Margaret.....Hay Springs
Hyser, Ethel .....Chadron
Jameson, Maude .....Chadron
Johnson, L. Josephine.....Hyannis
Jansen, Christine .....Rushville
Jenson, Alice .....Rushville
Jerman, Fanny .....Merriman
Kass, Harold W.....Chadron
Kreizenbeck, Elizabeth .....Ainsworth
Kurth, Augusta .....Chadron
Leppla, Madalen .....Chadron
Lever, Violet E.....Casper, Wyo.
Lewis, Blanche .....Chadron
Linden, Kittie M.....Hay Springs
Loewenthal, Morris .....Chadron
Lutz, Gertrude .....Chadron
McIntosh, Emily E.....Harrison
McShane, Rose .....Hay Springs
Martin, Ida B.....Unit
Meade, Florence E.....Boyd, Wis.
Mechan, Guy .....Chadron
Michaelson, Minnie .....Rushville
Morgan, Blanche .....Chadron
Morgan, Kathleen .....Chadron
Moorman, Claire .....Chadron
Morrissey, Mae .....Chadron
Mortenson, Clara Marie.....Glen
Munkres, Mary .....Chadron
Murphy, Bessie Mae .....Harrison
Murray, Elsie .....Ainsworth
Myers, Zesta Edith .....Hay Springs
Nagel, Charles .....Chadron
Nelson, Sadie .....Hay Springs
Nerud, Anna .....Minatare
Newsom, Marie .....North Bend
Newsom, Ollie B. .....North Bend

Norman, Bettie ..... Whitney
Norman, Matilda ..... Whitney
Owens, Loretta ..... Chadron
Parker, Christia ..... Rushville
Persek, Emma M. ..... Chadron
Peters, Celia ..... Hay Springs
Phillips, Myrtle ..... Chadron
Franklin, Pitman ..... Chadron
Plunkett, Annie ..... Harrison
Pollock, Elizabeth I. ..... Chadron
Robins, Lura E. ..... Rushville
Riekman, George ..... Chadron
Roberts, Ruth ..... Hay Springs
Schenck, Beatrice ..... Chadron
Scott, Cleo M. ..... Chadron
Scovel, Elmira ..... Chadron
Serbousek, Bessie M. ..... Hay Springs
Serbousek, Cora ..... Hay Springs
Shipp, Viola Marie ..... Hay Springs
Smith, Zilma V. ..... Chadron
Sparks, Elizabeth E. ..... Chadron
Sparks, J. W. ..... Chadron
Sparks, Paul C. ..... Chadron
Sterrett, W. B. ..... Rushville
Sterrett, Mrs. W. B. ..... Rushville
Stockdale, A. P. ..... Chadron
Stockdale, Irma Lucile ..... Chadron
Surber, Marie ..... Grayson
Thomas, Forrest ..... Chadron
Tipton, Grace E. ..... Harrison
Vaughn, Jennie ..... Chadron
Wall, Hattie ..... Chadron
Wellnitz, Emma A. ..... Rushville
Wirt, Florence M. ..... Lincoln
Zoll, Hazel Mae ..... Rushville
Zum Brunnen, Dorcas ..... Kirtley, Wyo.

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